

PATENT
2360-0344P

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Andreas PEIKER

Appl. No. Continuation (53(b)) Appl. of
Appl. No. 08/981,708

Group: 2642

Filed: June 20, 2001

Examiner: J. Chiang

For: TELEPHONE SET WITH A HANDSET HAVING A MOUTHPIECE
AND/OR AN EARPIECE

PRELIMINARY AMENDMENT

Honorable Commissioner
Washington, D.C. 20231

June 21, 2001

Dear Sir:

The following Preliminary Amendments and Remarks are respectfully submitted in
conjunction with the above-identified application.

IN THE CLAIMS

Please cancel claims 1-13 without prejudice or disclaimer of the subject matter contained therein.

Please add the following new claims:

--14. (New) A telephone set as claimed in claim 26, wherein the holder is a bracket including a manually releasable locking unit constructed and arranged to lock the telephone receiver relative to the holder so that the telephone receiver cannot become loose when the holder and telephone receiver are vibrated.

15. (New) A telephone set as claimed in claim 26, wherein the telephone receiver includes a quiver, which is swingable across a 10° to 20° arc, and into which the mobile telephone handset is at least partially inserted so that a control on the mobile telephone handset can still be operated.

16. (New) A telephone set as claimed in claim 15, wherein a position of the quiver can be maintained stably.

17. (New) A telephone set as claimed in claim 15, wherein the quiver includes a hinge-pin arranged on an external face of a quiver compartment, and a rear wall of the quiver extends up beyond the quiver rim so as to act as a guide plate for the mobile telephone handset inserted therein.

18. (New) A telephone set as claimed in claim 15, wherein the quiver is pivotable by a resilient pivoting means, braced against a portion of the telephone receiver, so as to swing out from a closed rest position into an open receiving position and, by pushing on the mobile telephone handset received therein against the resilient force of the pivoting means, swing into the closed rest position, the quiver being maintainable in the closed rest position by a retaining holder acting either on the quiver or on the mobile telephone handset, a receptacle being formed in the quiver or on the telephone receiver which grips the mobile telephone handset, wherein resilient snap means act directly through a recess of the quiver or indirectly by way of a pressure-transmitting member on the underside of the mobile telephone handset to push the mobile telephone handset against an overlapping part of the receptacle when the quiver is swung back into the closed rest position, wherein, when the quiver is swung open into the receiving position, the resilient snap means do not resist insertion or removal of the mobile telephone handset from the receptacle, the snap means comprising at least one compression spring, which acts directly or indirectly on an end-part the mobile telephone handset facing away from the retaining holder, wherein the resilient snap means act on a moveable pressure-transmitting member formed on or coupled with the quiver, preferably formed by a thin snap-tongue or snap-plate spray-molded onto the quiver.

19. (New) A telephone set as claimed in claim 15, characterized in that the quiver has at least one cantilever arranged therein to provide a seat for the mobile telephone handset and a receiver for the cantilever part, so that the swinging action of the quiver causes a relative movement between a part of the cantilever unit contacting the mobile telephone handset and the upper edge of the quiver, so that the mobile telephone handset is removable from the quiver

when the quiver is swung into the open position and is securely retained when the quiver is swung into the closed position.

20. (New) A telephone set as claimed in claim 19, wherein the receiver for the cantilever part is arranged fixed in relation to the position of the hinge pin of the quiver, the part of the cantilever unit contacting the mobile telephone handset extending in parallel with the hinge pin and in perpendicular to the plane in which the mobile telephone handset lies when in the inserted position, the receiver fills substantially the entire cross-section of the quiver except for a tolerance required for the swing-action of the quiver, and the hinge pin of the quiver is preferably arranged at the foot region of the cantilever unit offset to the rear of the mobile telephone handset contact surface thereof.

21. (New) A telephone set as claimed in 26, wherein the telephone receiver has a receiving for an antenna base of the mobile telephone handset or part of a housing for the antenna base of the mobile antenna handset, the mobile telephone handset is prevented from falling out of the telephone receiver by way of a retaining holder which automatically spans at least an upper surface area of the mobile telephone handset when inserted, wherein the retaining holder is a spring-biased slide latch which spans the antenna base or the part of the housing bearing the antenna base of the mobile telephone handset, whereby the retaining holder is manually slidable into an open position and retained in this position by way of a spring-biased ram resting in the retaining holder, and, for the top surface region of the mobile telephone handset, a gripping point is provided for the ram, by way of which the ram is movable from the rest position by releasing the retaining holder when the mobile telephone set is inserted.

22. (New) A telephone set as claimed in claim 26, wherein the telephone receiver has a rigid holder recess to provide a lateral form-fit hold of the bottom edge of the mobile telephone handset and, in the top region a holding unit, for the top part of the rear-face of the mobile telephone handset can be inserted in an automatic lock fit and can only be unlocked for removal by means of a releasing device, and a dispenser unit is preferably provided to cooperate with the holding unit, which when released, pushes the top part of the mobile telephone handset forward, preferably across an angle of between 5° and 20° while the bottom edge of the mobile telephone set remains in the holder recess, so that it can be easily lifted out.

23. (New) A telephone set as claimed in claim 25, comprising an interface for transmitting signals and power from the telephone receiver to the mobile telephone handset, one half of the interface being resiliently arranged in the holder recess so as to float about a hinge pin extending parallel with the telephone receiver floor and perpendicular to the longitudinal extension thereof.

24. (New) A telephone set as claimed in claim 26, wherein the telephone receiver having is curved in an arcuate shape, the earpiece and mouthpiece of the telephone receiver being arranged at a side of the telephone receiver opposite the side of the telephone receiver having the recess for receiving the mobile telephone handset, wherein the recess for the mobile telephone handset is constructed so that when the mobile telephone handset is inserted therein, a keypad of the mobile telephone handset thereof remains accessible.

25. (New) A telephone set comprising:

a holder;

a mobile telephone handset (handy) including a microphone and an earpiece;

a telephone receiver including a shell shaped to be manually graspable, and an adapter for the mobile telephone handset (handy), the telephone receiver being configured to be storable in the holder and to be removable from the holder for manual use while moving around freely, the telephone receiver also including a microphone and an earpiece, and a recess for receiving and electronically coupling the removable mobile telephone handset (handy), and

a signal transmitter for establishing a remote signal transmission link to the telephone receiver independent of whether the telephone receiver is stored in the holder or moved around freely during a phone call.

26. (New) A telephone set as claimed in claim 25, wherein the telephone receiver is electrically connected to a telephone circuit in the mobile telephone handset (handy) so as to be operable as a telephone handset, the microphone of the telephone receiver being a hands-free microphone and being switchable.

27. (New) A telephone set comprising:

a holder;

a mobile telephone handset (handy) including a microphone and an earpiece; and

a telephone receiver including:

a manually graspable shell,

an adapter for the mobile telephone handset (handy),

a recess shaped to receive the mobile telephone handset therein including a bottom wall and a surrounding side wall corresponding to respective contours and dimensions of the mobile telephone handset,

the telephone receiver being configured to be storable in the holder and to be removable from the holder for use while not being stored the holder, the telephone receiver also including a microphone and an earpiece, and a recess for receiving and electronically coupling the removable mobile telephone handset (handy) to the telephone receiver, and

a signal transmitter for establishing a remote signal transmission link to the telephone receiver independent of whether the telephone receiver is stored in the holder or moved around freely during a phone call.

28. (New) The telephone set of claim 25, wherein the signal transmitter includes a helical cable.

29. (New) The telephone set of claim 25, wherein the signal transmitter includes a radio interface of a hand-held radio telephone.--

REMARKS

Claims 14-29 are pending in the present application. Claims 1-13 have been canceled.

Entry of the above amendments is earnestly solicited. An early and favorable first action on the merits is earnestly solicited.

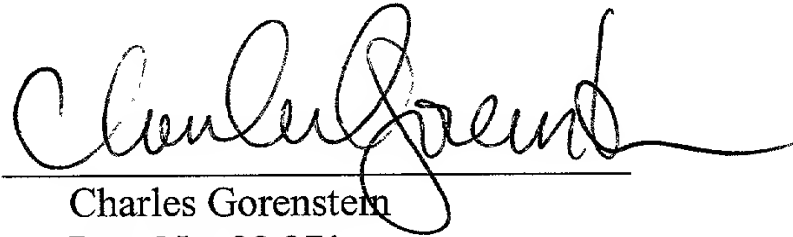
In the event that any matters remain at issue in the application, the Examiner is invited to contact Jayne Saydah, Reg. No. P-48,796 at (703) 205-8000 in the Northern Virginia area, for the purpose of a telephonic interview.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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